

PATENT  
PD-96315

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Kar W. Yung, et al

Date: August 24, 1999

Serial No. 08/949,988

Group Art Unit: 3641

Filed: October 14, 1997

For: Method And System For Maximizing  
Satellite Constellation Coverage

Examiner: T. Dinh

**AMENDMENT TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

\_\_\_\_\_ Applicant petitions for an extension of time for \_\_\_\_\_ months(s) to respond to the Office Action dated \_\_\_\_\_ . If an additional extension of time is required, please consider this a petition therefor.

\_\_\_\_\_ An extension for \_\_\_\_\_ months(s) has already been secured; the fee paid therefor of \_\_\_\_\_ \$  
is deducted from the total fee due for the total months of extension now requested.  
Extension fee due with this request \$

X  Applicant believes that no extension of time is required to respond to the Office Action dated 7/8/99.  
However, this conditional petition is being made to provide for the possibility that  
applicant has inadvertently overlooked the need for a petition for extension of time.

X  No additional fee for claims is required.

X  The fee for claims has been calculated as shown below:

**CLAIMS AS AMENDED**

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL CLAIMS	19	minus	20*	=	0	x \$ 18.00	\$ 0
INDEPENDENT CLAIMS	2	minus	3**	=	0	x \$ 78.00	\$ 0
MULTIPLE DEPENDENT CLAIMS					0	x \$ 260.00	\$ 0
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>							<b>\$ 0</b>

Charge \$0 to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383. **This form is submitted in triplicate.**

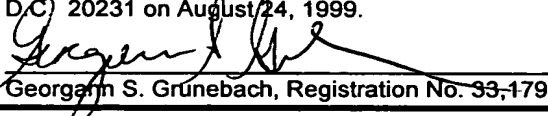
Respectfully submitted,

  
Georgann S. Grunebach  
Attorney for Applicant(s), Reg. 33,179

HUGHES ELECTRONICS CORPORATION  
Bldg. 001, M.S. A109  
P.O. Box 956  
El Segundo, CA 90245-0956

(310) 662-8912

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on August 24, 1999.

  
Georgann S. Grunebach, Registration No. 33,179

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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GP3641

In re application of:

Kar W. Yung et al.

Serial No.: 08/949,988

Filed: October 14, 1997



Group Art Unit: 3641

Examiner: T. DINH

#9/B (No)  
9/1/99

For: METHOD AND SYSTEM FOR MAXIMIZING SATELLITE  
CONSTELLATION COVERAGE

Attorney Docket No.: PD-96315

AMENDMENT UNDER 37 C.F.R. § 1.116

RECEIVED  
TECHNOLOGY CENTER 3600  
99 SEP -1 AM 10:37

Box AF  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the final Office Action mailed July 8, 1999, please amend the  
above-identified application as follows:

In The Claims:

1. (TWICE AMENDED) A method for maximizing satellite constellation  
coverage at predetermined local times for a set of predetermined geographic locations, the  
method comprising:

determining a satellite constellation having a first coverage, the constellation  
including at least two desired satellites, wherein each of the desired satellites have a trajectory  
associated therewith [and a relative configuration within the satellite constellation];

determining a period of orbit for each of the desired satellites;

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this paper, including all enclosures referred to herein, is being deposited with the United States Postal  
Service as first-class mail, postage pre-paid, in an envelope addressed to: Box AF, Assistant Commissioner for Patents,  
Washington, D.C. 20231 on:

August 29, 1999  
Date of Deposit

GEORGANNS. GRUNLBACH  
Name of Person Signing

*Georgann S. Grunlbach*  
Signature